

Maharashtra Public Service Commission

Question Paper Name :	Deputy Director Health Services Group A 12th May 2023 Shift 2
Subject Name :	Deputy Director Health Services Group A
Duration :	60
Total Marks :	200
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Deputy Director Health Services Group A

Group Number :	1
Group Id :	75078215
Group Maximum Duration :	0
Group Minimum Duration :	60
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	200
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Deputy Director Health Services Group A

Section Id :	75078215
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	75078233
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 1 Question Id : 7507821231 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements in context to PCPNDT Act :

- All clinics conducting ultrasound must be registered and only doctors qualified, under this act can use diagnostic techniques such as USG.
- A person with non allopathic qualification can perform sonography.
- An offence under this law is cognizable, non bailable and non compoundable.
- The pregnant woman herself is considered innocent even if she approaches for prenatal sex detection without any compulsion.

Which of the above statements is/are true ?

Options :

- a and b only

2. a and c only
3. a, b and c only
4. b, c and d only

Question Number : 2 Question Id : 7507821232 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

According to internationally accepted four colour code system, which of the following is true about triage ?

Options :

1. Yellow – least priority
2. Red – moribund
3. Green – ambulatory
4. Blue – dead

Question Number : 3 Question Id : 7507821233 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In a cohort study, 100 pregnant women with PIH, and 100 pregnant women without PIH were followed till delivery. All 200 pregnancies resulted in singleton live births. There were 25 LBW babies in PIH group, and 5 LBW babies in the other group. The Attributable Risk (AR) in this study is

Options :

1. 20%
2. 25%
3. 50%
4. 80%

Question Number : 4 Question Id : 7507821234 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the statements regarding case fatality rate :

- a. It measures risk of persons dying from certain disease within a given time period.
- b. It links mortality to morbidity.
- c. It cannot be used in poisoning, chemical exposure or other short term non disease cause of death.

Which of the above statements is/are correct ?

Options :

1. only a
2. only a and b

3. a, b and c

4. only c

Question Number : 5 Question Id : 7507821235 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The limitation of freedom of movement of non diseased persons, for a period of longest usual incubation period of the disease is called as

Options :

1. Isolation

2. Quarantine

3. Notification

4. Monitoring

Question Number : 6 Question Id : 7507821236 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

An epidemic of hepatitis A is an example of

Options :

1. Point-source epidemic

2. Common-source continuous epidemic

3. Propagated epidemic

4. Slow epidemic

Question Number : 7 Question Id : 7507821237 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In a family of 4 people, initially head of the family got fever and cough. After a gap of 4 days, his younger son showed same symptoms. This time period/interval of 4 days between onset of first case and initiation of second case is best described as

Options :

1. Period of communicability

2. Serial interval

3. Incubation period

4. Generation time

Question Number : 8 Question Id : 7507821238 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements in context to PMJAY Scheme :

- a. It is World's largest Health Insurance Scheme, fully financed by the Government.
- b. It provides cashless access to all citizens to health care services with restrictions on family size, age or gender.
- c. It provides cover of Rs. 5 lakh per family per year for secondary and tertiary care hospitalization access at empanelled public or private hospital in India.
- d. It covers upto 3 days of pre hospitalization and 15 days post hospitalization expenses such as diagnostics and medicines.

Which of the above statements is/are true ?

Options :

1. a and b only
2. a, b and c only
3. b, c and d only
4. a, c and d only

Question Number : 9 Question Id : 7507821239 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The target of maternal mortality ratio, to be achieved by 2030, as per Sustainable Development Goal (SDG) – Target 3.1, is _____ per 1,00,000 live births.

Options :

1. Less than 150
2. Less than 100

3. Less than 70

4. Less than 50

Question Number : 10 Question Id : 7507821240 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Lok Sabha has passed "The Rights of Persons with Disabilities Bill – 2016". Which of the following disability have been added for the first time.

- a. Locomotors disability
- b. Cerebral palsy
- c. Speech and language disability
- d. Specific learning disability.

Options :

1. a and b

2. a, b and c

3. c and d

4. a and d

Question Number : 11 Question Id : 7507821241 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following statements are true about monkey-pox virus ?

- a. It is a double stranded DNA virus.
- b. Belongs to Orthopoxvirus genus.
- c. Not transmitted from human to human.
- d. Palms and soles of infected person commonly show rash.

Options :

- 1. a, b, c
- 2. a, c, d
- 3. b, c, d
- 4. a, b, d

Question Number : 12 Question Id : 7507821242 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

"In a research study investigators studied the prevalence of Alzheimer's disease along with total fat supply in 11(Eleven) countries. They reported that total fat supply is strongly correlated with prevalence of Alzheimer's disease."

Which of the following best describes the above epidemiological method ?

Options :

- 1. Ecological study
- 2. Community trials
- 3. Cross sectional study

4. Systematic reviews

Question Number : 13 Question Id : 7507821243 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The acronym "SUTRA", a mathematical model used for tracking of progression of COVID-19 pandemic, stands for

Options :

1. Serious, Undetected, Tested (+ve) and Recorded Approach
2. Susceptible, Undetected, Tested (+ve) and Removed Approach
3. Susceptible, Untested, Tested (+ve) and Re-infected Approach
4. Serious, Untested, Tested (+ve) and Removed Approach

Question Number : 14 Question Id : 7507821244 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

"Depression : let's talk" was the theme for World Health Day for the year

Options :

1. 2017
2. 2018

3. 2019

4. 2020

Question Number : 15 Question Id : 7507821245 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

One Community Health Centre covers a population of

Options :

1. 3,00,000 – 5,00,000

2. 80,000 – 1,20,000

3. 50,000 – 70,000

4. 20,000 – 30,000

Question Number : 16 Question Id : 7507821246 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Theme for World Tuberculosis Day 2022 as per World Health Organisation is

Options :

1. The Clock is Ticking

2. Invest to End TB; Save Lives
3. Its time to End Tuberculosis
4. Wanted Leaders for a TB free World

Question Number : 17 Question Id : 7507821247 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Harrison suggested different methods of monitoring of "Medical audit". Which of the following method of monitoring is based on the primary idea of learning from mistakes ?

Options :

1. PEER review
2. Sentinel cases
3. Surveys
4. Criterion based audit

Question Number : 18 Question Id : 7507821248 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Purchase of goods on GeM portal [Govt. E-Market place] without inviting quotations or bids, just on the basis of a certificate to be recorded by a competent authority, can be done upto a value of

Options :

1. Rs. 5,000/-
2. Rs. 10,000/-
3. Rs. 25,000/-
4. Rs. 50,000/-

Question Number : 19 Question Id : 7507821249 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

MTP Amendment Act, 2021 allows termination of pregnancy except

Options :

1. 20 weeks with single registered medical practitioner
2. 24 weeks with double registered medical practitioner

Length of pregnancy shall not apply when fetal abnormality diagnosed by medical board

3. board
4. Injury to mental health, pregnancy by rape from 24-28 weeks

Question Number : 20 Question Id : 7507821250 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What are not true regarding NABH (National Accreditation Board for Hospital) ?

- i. It is constituent board of quality Council of India
- ii. The standards are applicable to only private hospitals
- iii. It is one time process
- iv. Standards are focussed on patient safety and quality care

Options :

- 1. i and ii
- 2. ii and iii
- 3. ii and iv
- 4. i and iv

Question Number : 21 Question Id : 7507821251 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

WHO safety checklist checks are carried out for reducing errors during surgery. When are the checks done ?

Options :

- 1. Before induction of anaesthesia
Before skin incision
Before patient leaves operating room
- 2. Before induction of anaesthesia
Before skin incision
Before skin closure

- Before consent
- Before induction of anaesthesia
- 3. Before skin closure

- Before shifting patient in operating room
- Before incision
- 4. Before patient leaves operating room

Question Number : 22 Question Id : 7507821252 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Lower Motor Neuron paralysis of facial nerve may occur in following conditions except

Options :

- 1. Viral infection
- 2. Cerebrovascular accident
- 3. During parotid surgery
- 4. During CP angle tumor surgery

Question Number : 23 Question Id : 7507821253 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A twenty years old lady has taken two doses of quadrivalent vaccine against HPV
Now her urinary pregnancy test is positive what action to be taken ?

Options :

1. Continue pregnancy and take next dose of vaccine when it is scheduled
2. Medical termination of pregnancy and continue vaccine when it is scheduled
3. Continue pregnancy stop vaccination
4. Continue pregnancy and switch over to bivalent vaccine

Question Number : 24 Question Id : 7507821254 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per POCSO Act, 2012 (Protection of Children from Sexual Offences Act, 2012)

A 'child' is an individual victim below the age of

Options :

1. 18 years
2. 16 years
3. 13 years
4. 15 years

Question Number : 25 Question Id : 7507821255 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per National Tuberculosis Elimination Programme (NTEP) key interventions to strengthen HIV/TB collaborative activities are all except

Options :

1. Intensified TB case finding
2. Use of CBNAAT/TrueNat
3. TB preventive therapy
4. Notifying TB and HIV

Question Number : 26 Question Id : 7507821256 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The specimen collected for COVID-19 testing should be transported to the lab at what temperature as per MOHFW guidelines ?

Options :

1. -30°C
2. -4°C
3. 2 to 8°C
4. Room temperature

Question Number : 27 Question Id : 7507821257 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

According to WHO anaemia in pregnancy is when the haemoglobin is _____ gms/100 ml or less.

Options :

1. 9 gms/100 ml
2. 10 gms/100 ml
3. 11 gms/100 ml
4. 12 gms/100 ml

Question Number : 28 Question Id : 7507821258 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Janani Suraksha Yojana (JSY) is _____ sponsored scheme.

Options :

1. WHO
2. UNICEF
3. State Govt.

4. Central Govt.

Question Number : 29 Question Id : 7507821259 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Last decade saw an unprecedented growth of robotic surgery in India. In SWOT analysis of robotic surgery what is true except

Options :

1. Availability of large number of cases
2. 'Ayushman Bharat' scheme will reduce number of robotic surgery
3. Huge investment and more recurring cost
4. Medical tourism in India will increase

Question Number : 30 Question Id : 7507821260 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Dengue in children mostly manifests as all except

Options :

1. vomiting and abdominal pain
2. low grade fever

3. confusion and neurological symptoms
4. thrombocytopenia

Question Number : 31 Question Id : 7507821261 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Under Anemia Mukht Bharat which iron supplementation is given to adolescents with what frequency ?

Options :

1. 1 IFA tablet (60 mg elemental iron + 500 mcg Folic Acid) weekly
2. 1 IFA tablet (100 mg elemental iron + 500 mcg Folic Acid) every month
3. Daily 1 IFA tablet
4. None of the above

Question Number : 32 Question Id : 7507821262 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Under National Immunisation Schedule for which disease vaccination is not included ?

Options :

1. Measles

2. JE

3. Pertussis

4. Mumps

Question Number : 33 Question Id : 7507821263 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is the treatment schedule for treatment of uncomplicated P. Falciparum cases ?

Options :

1. ACT + Primaquine

2. Chloroquine + Quinine + Doxycycline

3. Paracetamol + Chloroquine

4. None of the above

Question Number : 34 Question Id : 7507821264 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is the maximum limit for purchase of item by calling quotation ?

Options :

1. Rs. 50,000
2. Rs. 3 lac
3. Rs. 7 lac
4. Rs. 10 lac

Question Number : 35 Question Id : 7507821265 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is SWOT ?

Options :

1. Strength, Weakness, Obstacles, Threats
2. Strength, Weakness, Opportunities, Threats
3. Strength, Weakness, Orientation, Thought
4. Strong, Weak, Obstacles, Thought

Question Number : 36 Question Id : 7507821266 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is MDSR in Maternal health ?

Options :

1. Maternal Death Surveillance and Response
2. Maternal Death Survey and Report
3. Maternal Death Surveillance and Review
4. Maternal Death Review System

Question Number : 37 Question Id : 7507821267 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Operation planning include

Options :

1. Statement of purpose/deliverables/targets to be achieved/success indicators
2. Use of available and relevant data and information
3. Prioritization, follow timeline and budget
4. All of the above

Question Number : 38 Question Id : 7507821268 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What are the essential skills to manage conflict ?

Options :

1. Create and maintain bond and establish dialogue and negotiate
2. Put the fish on table and understand what causes conflict
3. Use the law of reciprocity and build positive relationship
4. All of the above

Question Number : 39 Question Id : 7507821269 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Principles of health education includes all except

Options :

1. Participation
2. Motivation
3. Reinforcement
4. Punishment

Question Number : 40 Question Id : 7507821270 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following is not a function of PHC ?

Options :

1. Medical care
2. MCH including FP
3. Collection and reporting vital statistics
4. Major surgeries

Question Number : 41 Question Id : 7507821271 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Physical Quality of Life Index (PQLI) include all except

Options :

1. Literacy
2. Infant mortality rate
3. Life expectancy at age one
4. GDP per capita

Question Number : 42 Question Id : 7507821272 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Standard of living as per WHO includes all except

Options :

1. Sanitation and nutrition
2. Income and occupation
3. Level of provision of health
4. Human Rights

Question Number : 43 Question Id : 7507821273 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

How many Sustainable Development Goals (SDGs) are adopted by United Nations in 2015 for its agenda of action for people, planet and prosperity ?

Options :

1. 15
2. 16
3. 17
4. 18

Question Number : 44 Question Id : 7507821274 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which SDG deals to ensure healthy lives and promote well-being for all at all ages ?

Options :

1. 2

2. 3

3. 6

4. 9

Question Number : 45 Question Id : 7507821275 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Human Living Standards can be compared in different countries by

Options :

1. DALY

2. HDI

3. PQLI

4. HPI

Question Number : 46 Question Id : 7507821276 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Human Development Index (HDI) include

Options :

1. Infant Mortality Rate
2. Net Reproductive Rate
3. Life Expectancy at Birth
4. No. of years of disability

Question Number : 47 Question Id : 7507821277 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The role of health in economic development is analysed by the following channel

Options :

1. Direct labour productivity effect
2. Indirect incentive effect

3. Both of the above
4. None of the above

Question Number : 48 Question Id : 7507821278 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Principles issued by WHO on artificial intelligence in health. Which of the following principles are true ?

- a. Protecting human anatomy
- b. Promoting human well being, safety and public interest
- c. Ensuring transparency, explainability and intelligibility
- d. Ensuring exclusiveness and inequity

Options :

1. a only
2. a and b only
3. a, b and c
4. d only

Question Number : 49 Question Id : 7507821279 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Information of a biased or misleading nature used to promote political cause is

Options :

1. Health Promotion
2. Health Education
3. Propaganda
4. Advocacy

Question Number : 50 Question Id : 7507821280 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Polymers used in 3D printing are all except

Options :

1. Alginate
2. Polypropylene
3. Collagen
4. Ceramic

Question Number : 51 Question Id : 7507821281 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

How much zinc supplement is recommended by WHO and UNICEF for infants less than 6 months of age after an episode of acute diarrhoea ?

Options :

1. 20 mg per day for 10 days
2. 10 mg per day for 10 days
3. 5 mg per day for 7 days
4. 6 mg per day for 7 days

Question Number : 52 Question Id : 7507821282 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following statements regarding magnesium is/are true ?

- a. It is constituent of bones.
- b. It is essential for normal metabolism of calcium and potassium.
- c. Daily requirement of magnesium is estimated to be 340 mg/day for adults.
- d. Human adult body contains about 50 gms of magnesium.

Options :

1. a only
2. a and b only
3. a, b and c only

4. a, b, c and d

Question Number : 53 Question Id : 7507821283 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A 28 year old woman is a sedentary worker. She is a lactating mother with 3 month old child.

Which of the following is her approximate energy requirement in terms of kilocalories per day ?

Options :

1. 1500 kcal/day
2. 2250 kcal/day
3. 2500 kcal/day
4. 2830 kcal/day

Question Number : 54 Question Id : 7507821284 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The drug of choice for chemoprophylaxis to healthcare professional and close contacts of suspected or confirmed case of pandemic influenza A (H1N1) is

Options :

1. Zanamivir

2. Oseltamivir

3. Ribavirin

4. Amantadine

Question Number : 55 Question Id : 7507821285 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Iodine may be used for emergency disinfection of which of the following ?

- a. Water
- b. Faeces
- c. Urine
- d. Skin

Options :

- 1. a only
- 2. a and d only
- 3. a, c and d only
- 4. a, b and c only

Question Number : 56 Question Id : 7507821286 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements with regards to neonatal mortality. Which of them is/are correct ?

- a. Neonatal mortality is directly related to birth weight of the newborn.
- b. Neonatal mortality is directly related to the gestational age at which the birth take place.
- c. Neonatal mortality is closely related to the educational status of the mother.
- d. Neonatal mortality is low if the mother's age is between 15 –16 years.

Options :

- 1. a and d only
- 2. b and c only
- 3. a, b and c only
- 4. a, b, c and d

Question Number : 57 Question Id : 7507821287 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is the specificity of sputum microscopy in detection of Pulmonary Tuberculosis (PTB) as per the information given below ?

Sputum Microscopy	PTB		Total
	Present	Absent	
Positive	270	20	290
Negative	30	180	210
Total	300	200	500

Options :

1. 10%
2. 36%
3. 90%
4. 94%

Question Number : 58 Question Id : 7507821288 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

DANIDA, the International Aid Agency of Denmark, is known for assistance to which one of the Indian National Health Programmes ?

Options :

1. National AIDS Control Programme
2. National Blindness Control Programme
3. National Tuberculosis Control Programme
4. National Deafness Control Programme

Question Number : 59 Question Id : 7507821289 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The best available method of Dengue fever control in community is

Options :

1. Dengue vaccine
2. Personal protective measures
3. Platelet transmission
4. Mosquito control

Question Number : 60 Question Id : 7507821290 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Child of severe acute malnutrition discharged from Nutritional Rehabilitation Centre (NRC) should be observed in community by an Anganwadi Worker (AWW) as per which one of the following schedules ?

Options :

1. Once a week for first month and then twice weekly
2. Twice weekly in the first month and then once a week
3. Once a week for first month and then once fortnightly
4. Twice weekly in the first month and then once fortnightly

Question Number : 61 Question Id : 7507821291 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Pneumococcal Pneumonia Vaccine (PPV 23) is recommended for which of the following groups ?

- a. Children under 2 years of ages
- b. Those who have sickle cell disease
- c. Those who have undergone splenectomy
- d. Immuno compromised individuals

Options :

- 1. a only
- 2. a and b only
- 3. b and c only
- 4. b, c and d only

Question Number : 62 Question Id : 7507821292 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Features of central pontine osmotic demyelination syndrome include all except

Options :

- 1. Dysphagia
- 2.

Dysarthria

3. Diplopia

4. Dystonia

Question Number : 63 Question Id : 7507821293 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Ivermectin is used for treatment of all except

Options :

1. Scabies

2. Schistosomiasis

3. Strongyloidiasis

4. Ascariasis

Question Number : 64 Question Id : 7507821294 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following measures can help to reduce the risk of systemic hypertension ?

- a. Reduction in dietary intake of common salt.
- b. Controlling weight for age.
- c. Modification of personal lifestyle.
- d. Use of oral contraceptive pills.

Options :

1. a and b only
2. c and d only
3. a, b and c only
4. none of the above

Question Number : 65 Question Id : 7507821295 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

All are features of nephrotic syndrome except

Options :

1. Proteinuria
2. Oedema
3. Hypercholesterolemia
4. Hypotension

Question Number : 66 Question Id : 7507821296 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the diseases in List – I and incubation period in List – II.

List – I (Diseases)	List – II (Incubation period)
A. Measles	1. 30 – 180 days
B. Diphtheria	2. 10 – 50 days
C. Hepatitis A	3. 10 – 14 days
D. Hepatitis B	4. 2 – 6 days

Which of the following is a correct match ?

Options :

1.

A	B	C	D
3	4	1	2

2.

A	B	C	D
4	3	2	1

3.

A	B	C	D
4	3	1	2

4.

A	B	C	D
3	4	2	1

Question Number : 67 Question Id : 7507821297 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

All are features of chronic renal failure except

Options :

1. Anemia
2. Hypertension
3. Small size kidneys
4. Polyuria

Question Number : 68 Question Id : 7507821298 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Features of respiratory alkalosis are

Options :

1. pH low, HCO_3 low, PaCO_2 low
2. pH raised, HCO_3 raised, PaCO_2 raised
3. pH raised, HCO_3 low, PaCO_2 low
4. pH low, HCO_3 raised, PaCO_2 raised

Question Number : 69 Question Id : 7507821299 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The common cause of anterior mediastinal mass include all except

Options :

1. Thymoma
2. Thyroid mass
3. Teratoma
4. Neurofibroma

Question Number : 70 Question Id : 7507821300 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The 'Atypical' organism causing community acquired pneumonia is

Options :

1. Mycoplasma pneumoniae
2. Streptococcus pneumoniae
3. Staphylococcus aureus

4. Hemophilus influenzae

Question Number : 71 Question Id : 7507821301 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Following is used as controller therapy for bronchial asthma

Options :

1. Beta 2 adrenergic agonists
2. Anticholinergics
3. Inhaled corticosteroids
4. Phosphodiesterase inhibitor

Question Number : 72 Question Id : 7507821302 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The smallest infectious protein particle devoid of nucleic acid are called as

Options :

1. Virions
2. Prions
3. Yeast

4. Bacteria

Question Number : 73 Question Id : 7507821303 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Water-Hammer pulse is not seen in

Options :

1. Thyrotoxicosis
2. Mitral regurgitation
3. Beriberi
4. Aortic regurgitation

Question Number : 74 Question Id : 7507821304 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Match the following and select the correct option :

- | | |
|-------------|-------------------------|
| A. Vit. B1 | I. Hyperhomocysteinemia |
| B. Vit. B3 | II. Beriberi |
| C. Vit. B6 | III. SACD |
| D. Vit. B12 | IV. Pellagra |

Options :

1.

A	B	C	D
II	III	IV	I

2.

A	B	C	D
II	IV	I	III

3.

A	B	C	D
IV	I	III	II

4.

A	B	C	D
IV	II	I	III

Question Number : 75 Question Id : 7507821305 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

All are absolute contraindications of oral contraceptive except

Options :

1. Hypertension

2. Active liver disease

3. Hypertriglyceridemia

4. Previous stroke/Thromboembolic event

Question Number : 76 Question Id : 7507821306 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In an experimental study, the purpose of control group is

Options :

1. It permits an ethical alternative for patients who do not wish to be subjected to an experimental treatment
2. It allows larger number of patients to be used, thus increasing the power of the statistical techniques used
3. It helps to make judgements about the results of the study
4. It reduces the likelihood of making a type II error in hypothesis testing

Question Number : 77 Question Id : 7507821307 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements regarding census. Which of them is/are correct ?

- a. Primarily provide demographic information.
- b. Provide no information on social and economic characteristics of people.
- c. Provide baseline for planning action and research in the field of medicine, human ecology and social sciences.
- d. Without census data, it is not possible to obtain quantified health, demographic and socio-economic indicators.

Options :

1. a only
2. a and c only

3. a, b and d only

4. a, c and d only

Question Number : 78 Question Id : 7507821308 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Studying distribution of health related characteristics in human population and identifying the characteristics with which disease seems to be associated is

Options :

1. Ecological epidemiology

2. Experimental epidemiology

3. Analytical epidemiology

4. Descriptive epidemiology

Question Number : 79 Question Id : 7507821309 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements in regards to mortality data. Which of the following statements is/are true ?

- a. There is uniform and standardised method of collection of data.
- b. There is lack of accuracy.
- c. It explains trends and differentials in overall mortality.
- d. There is incomplete reporting of deaths.

Options :

- 1. a only
- 2. a, b and c only
- 3. b and d only
- 4. b, c and d only

Question Number : 80 Question Id : 7507821310 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Matching is done in case control study to

- a. Eliminate selection bias
- b. Eliminate interviewer's bias
- c. Remove effects of known confounders
- d. Remove effects of unknown confounders

Options :

- 1. a only
- 2. b only

3. c only

4. a, b and d only

Question Number : 81 Question Id : 7507821311 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Thirty adult male patients were asked about the history of tobacco chewing when they came for regular dental checkup and then followed up to see how many of them had oral malignancy. What is the type of study ?

Options :

1. Cross sectional

2. Case control

3. Prospective cohort

4. Ecological

Question Number : 82 Question Id : 7507821312 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statements in regards to hospital statistics. Which of them is/ are correct ?

- a. Hospital statistics provides only numerator not denominator.
- b. Hospital statistics is a poor guide to estimation of disease frequency in community.
- c. Hospital statistics do not provide valuable information for planning and evaluation of health care services.
- d. Hospital statistics provide information on a representative sample of population.

Options :

1. a only
2. a and b only
3. c and d only
4. d only

Question Number : 83 Question Id : 7507821313 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Most useful parameter to predict the virulence of acute illness is

Options :

1. Case Fatality Rate (CFR)
2. Secondary Attack Rate (SAR)
3. Incidence

4. Standardised Mortality Ratio (SMR)

Question Number : 84 Question Id : 7507821314 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which is the better indicator of efficacy of health care services and various health programs ?

Options :

1. Incidence
2. Prevalence
3. Case fatality rate
4. Secondary attack rate

Question Number : 85 Question Id : 7507821315 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following are examples of quantitative methods of management techniques ?

- a. Organizational design
- b. Communication
- c. Cost accounting
- d. Decision making

Options :

1. a and b only
2. a and c only
3. c and d only
4. b and d only

Question Number : 86 Question Id : 7507821316 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

An investigator needs to know how many people working in a bank have hypertension. What is the type of study represented here ?

Options :

1. Case control study
2. Cohort study
3. Field trial
4. Cross sectional study

Question Number : 87 Question Id : 7507821317 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

With regards to NITI Aayog, which of the following statements are true ?

- a. Works as 'Think tank' for Central and State Governments.
- b. Relevant strategic and technical advise is given.
- c. Focus on technology upgradation and capacity building.
- d. Do not monitor and evaluate the implementation of programmes.

Options :

1. a and b only
2. c and d only
3. a, b and c only
4. all of the above

Question Number : 88 Question Id : 7507821318 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Characteristically, a "hypertensive headache" occurs in

Options :

1. Evening and in occipital region
2. Morning and in temporal region
3. Morning and in occipital region
4. Night and in frontal region

Question Number : 89 Question Id : 7507821319 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What do you mean by median incubation period of the disease ?

Options :

1. Generation time
2. Secondary attack rate
3. Time taken for 50% of patients to develop the disease
4. None of the above

Question Number : 90 Question Id : 7507821320 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Herd immunity is not seen in

Options :

1. Diphtheria
2. Tetanus
3. Measles

4. Polio

Question Number : 91 Question Id : 7507821321 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Open vial policy applies to which of the following vaccines ?

- a. BCG.
- b. Hepatitis B.
- c. DPT.
- d. Measles/MR.

Options :

- 1. a only
- 2. b and c only
- 3. a and d only
- 4. c only

Question Number : 92 Question Id : 7507821322 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Panchayati Raj is

Options :

- 1. Two-Tier System

2. Restricted to urban areas
3. Three-Tier System
4. System of urban development

Question Number : 93 Question Id : 7507821323 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is the optimum unit of preventive, curative and promotive services in Health Care System ?

Options :

1. Adequacy
2. Availability
3. Comprehensiveness
4. Appropriateness

Question Number : 94 Question Id : 7507821324 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which Article of Indian Constitution confers "Right to Life" to citizens of India ?

Options :

1. Article 21
2. Article 11
3. Article 23
4. Article 25

Question Number : 95 Question Id : 7507821325 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following statements regarding rabies immunoglobulin is/are true ?

- a. It should be administered only once as soon as possible after initiation of post exposure prophylaxis.
- b. It should be administered all into or around the wound sites.
- c. There is no scientific ground for performing a skin test prior to administering equine immunoglobulin.
- d. It can be administered till 15 days after the first dose of anti rabies vaccine.

Options :

1. a only
2. a and b only
3. a, b and d only

4. a, b and c only

Question Number : 96 Question Id : 7507821326 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Pentavalent vaccine provides protection against which of the following diseases ?

Options :

1. Diphtheria, Pertussis, Tuberculosis, Measles and Hepatitis B
2. Diphtheria, Pertussis, Tetanus, Hepatitis B and Hib
3. Diphtheria, Pertussis, Tetanus, Hepatitis B and Rubella
4. Diphtheria, Pertussis, Measles, Hepatitis B and Hib

Question Number : 97 Question Id : 7507821327 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What is total fertility rate ?

Options :

1. Average number of girls born to a woman
2. Sensitive indicator of family planning achievement

3. Number of live births per thousand married women in reproductive age group
4. Completed family size

Question Number : 98 Question Id : 7507821328 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Standard deviation is

Options :

1. A measure of average
2. A measure of variation
3. The same as range
4. Calculated like median

Question Number : 99 Question Id : 7507821329 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following epidemiologic methods can be used to identify risk factors and estimate the degree of risk ?

Options :

1. Cohort study and Randomised Control Trial

2. Case control and cohort study
3. Case control and cross sectional studies
4. Cohort study and ecological studies

**Question Number : 100 Question Id : 7507821330 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A
Minimum Instruction Time : 0**

Correct Marks : 2 Wrong Marks : 0.5

Period prevalence measures

Options :

1. All new cases of disease
2. Frequency of all current cases of disease (new and old) during a defined period
3. Only old, existing cases of disease
4. Frequency of all current cases on May 31 of a year.